First and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497687

Serial No. .....

Name of Work Maintenance of existing Borewells in Ward No. 08, Kodigehalli ..... From ..... To .....

Name of Contractor of nature of Agency ..... Sri Pradeepa K-A, Contractor.

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:	Rs. 12.00 Lakhs					
	Job code:	008-20-000074 P-1802					
	Work order:	BBMP/EE(BTP/WO/57/21-22					D: 18/03/2022.
	1) Lifting of submersible pump sets as per specification						
		18	-	-	-	18 Nos	
				@Rs. 1139.60/No			20513-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Transportation of pumping machineries						
		18	-	-	-	18 Nos	17186:00
				@Rs. 954.80/no			
	3) Labour charges (over hauling)						
		18	-	-	-	18 Nos	48470:00
				@Rs. 2692.80/no			
	4) Repair & Motor: Rewinding of submersible pump set with copper insulation wire of suitable gauge as per ISI Specification Rewinding of motor of 12.5 HP Above						

Serial No. .....
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	5) Rep 4ea
	6) Rot

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No. B 497688

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		18	-	-	-	18 NOS	84269=00
				@Rs. 4681.60/NO			
	5) Replacement of motor parts :- Starter 5 HP (with one year guarantee)						
		18	-	-	-	18 NOS	87674=00
				@Rs. 4870.80/NO			
	6) Rotor (with one year guarantee)						
		18	-	-	-	18 NOS	81972=00
				@Rs. 4554=00/NO			

Reference to last Measurement 8

17186=00

48470=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Upper Flange	18	-	-	-	18 Nos	6336=00
	@Rs. 352.00/No						
8)	Lower Flange	18	-	-	-	18 Nos	6336=00
	@Rs. 352=00/No						
9)	Upper Housing	18	-	-	-	18 Nos	11468=00
	@Rs. 637.12/No						
10)	Lower Housing	18	-	-	-	18 Nos	11468=00
	@ Rs 637.12/No						

Serial No. .....
Name of Work ...
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Date	Full
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11)	Carbo with pad
12)	Repla
13)	Oil

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No. B 497689

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Carbon housing Thrust bearing bush assembly complete with segment bearing pad and tip carbon (Ferrochopaddy pad	18	-	-	-	18 NOS	1800=00
				@Rs. 1000.56/NO			
12)	Replacement of Pump parts:- oil seal	18	-	-	-	18 NOS	270=00
				@Rs. 150.48/NO			
13)	oil seal steel bush	18	-	-	-	18 NOS	270=00
				@Rs. 150.48/NO			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) Guide vane						
		240	-	-	-	240 NOS	89760=00
				@Rs. 374.00/NO			
	15) Impeller shell moulded with aluminium Bronze)						
		240	-	-	-	240 NOS	129360=00
				@Rs. 539.00/NO			
	16) Discharge outlet (O.D) Bearing DD steel Bush						
		18	-	-	-	18 NOS	10138=00
				@Rs. 563.20/NO			
	17) Steel Bush (DD steel bush)						

Serial No. .....
Name of Work .....
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Date	Full description, e
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	18) Pump shaft ground with
	19) Non-return v 'O' ring

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Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		18	-	-	-	18 Nos	3374=00
				@Rs. 187.44/No			
18)	Pump shaft made out of stainless steel centreless ground with key way (upto 8 stages)						
		18	-	-	-	18 Nos	20291=00
				@Rs. 1127.28/No			
19)	Non-return valve (NRV) assembly complete with rubber 'O' ring						
		18	-	-	-	18 Nos	4990=00
				@Rs. 277.20/No			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20)	Cable Guard	18	-	-	-	18 Nos	2788=00
			@Rs. 154.88/No				
21)	Brass filler	18	-	-	-	18 Nos	10074=00
			@Rs. 559.68/No				
22)	Re-erection charges of pumping machineries including overhauling and painting	18	-	-	-	18 Nos	27102=00
			@Rs. 1505.68/No				
23)	Providing non-return valve 80 mm	18	-	-	-	18 Nos	15840=00
			@Rs. 1584.00/No				

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26) Supp
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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2788=00	24)	Providing gate valve	80 mm 9 Nos	-	-	-	9 Nos	14256=00
100744=00					@Rs. 1584-00/No			
	25)	Submersible cable 1x3x6.0 sq-mm	1	600.00	-	-	600.00 M	60024=00
27102=00					@Rs. 100.04/M			
15840=00	26)	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides & not more than 2 pieces and fixing the same to the wall						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	using tapered inverted wooden plugs wherever						
		18	-	-	-	18 Nos	4625=00
				@Rs. 256.96/No			
27)	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall drain ensuring with necessary clamping arrangement for UG cable of 1.1kV 40mm dia GI pipe						
		1	72.00	-	-	72.00 M	2117=00
				@Rs. 294.1/M			
28)	Supplying and fixing L.T cast iron pot heads suitable for 1.1kV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc						

Serial No. .....
Name of Work .....
Name of Contracto
Date of commence

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29)	Suppl conduit board
30)	Suppl out on es

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Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		18	-	-	-	18 Nos	4277-00
				@Rs. 237.60/No			
	29) Supplying, fixing wiring earth electrode for grounding conducting IC cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5m long.						
		5	-	-	-	5 Nos	13199:00
				@Rs. 2639.74/No			
	30) Supplying and fixing G Porcelain fuse channel with cut out on existing wooden/Panel using necessary nuts, bolts and washer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		18	-	-	-	18 Nos	2758-00
					@Rs. 1509-00 Nos		
	31) Supplying and fixing miniature circuit breakers on existing MCB distribution boards with necessary fixing materials and 'C' type curve indicator ON/OFF energy class 3 with short circuit breaking capacity of 10K and complete wiring as required confirming to 32 Amps						
		10	-	-	-	10 Nos	15090-00
					@Rs. 1509-00 Nos		
	32) Fabricating Supplying and mounting MS box made out 8 SWG suitable for floor/wall mounting fully weather proof with provision for better heat dissipation provided						

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Serial No. ..... From ..... To .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
1	with hinged front cover equipped with tamper proof locking arrangement	187200	-	-	-	187200 Nos @ Rs. 0.30/No.	56160=00
					Sub Total		904400=00
					GST @ 12%		108528=00
					Grand Total		1012928=00
					Round off.		1012500-00

Verified

17/12/22

Executive Engineer,
Bytarayanapura Division,
BBMP, Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	certificate: 1. certified that the contractor has done the work satisfactorily. 2. certified that there is no departmental issues with the contractor. JE 17/12/2022 (Contractor) 12/12/22 Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore						

Serial No. .....
Name of Work .....
Name of Contracto
Date of commence

Date	Full des
1	P 1802

1st & final

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No. B 497694

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	P 1802 2	3	4	5	6	7	8
	Water supply new Area 1012500/= 39345/= 973155/=			TTB It cast Sast cen. CBF Ded: Net payable	1012500 10125 9041 9041 10125 1013 39345 973155	1st & final	